

Appl. No. 10/733,042  
Reply to Final Office action of December 12, 2008

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (canceled)
2. (canceled)
3. (canceled)
4. (canceled)
5. (canceled)
6. (currently amended) An isolated nucleic acid molecule comprising a nucleotide sequence having at least about 95% identity to the nucleotide sequence of SEQ ID NO: 1, or the complement thereof.
7. (currently amended) The nucleic acid molecule of Claim 6 wherein the comprising a nucleotide sequence is having at least about 99% identity identical to the nucleotide sequence of SEQ ID NO: 1, or the complement thereof.
8. (currently amended) The nucleic acid molecule of Claim 6 wherein comprising the nucleotide sequence is identical to the nucleotide sequence of SEQ ID NO: 1, or the complement thereof.
9. (previously presented) The nucleic acid molecule of Claim 6 wherein the nucleic acid molecule consists of the nucleotide sequence of SEQ ID NO: 1, or the complement thereof.
10. (canceled)

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11. (canceled)
12. (canceled)
13. (canceled)
14. (canceled)
15. (canceled)
16. (canceled)
17. (canceled)
18. (canceled)
19. (canceled)
20. (canceled)
21. (canceled)
22. (canceled)
23. (previously presented) A vector comprising a nucleotide sequence having at least about 95% identity to the nucleotide sequence of SEQ ID NO: 1.
24. (previously presented) The vector of Claim 23 selected from the group consisting of an artificial chromosome, a plasmid vector and a viral vector.

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25. (currently amended) A liposome composition comprising the nucleic acid molecule of Claim 6.
26. (canceled)
27. (canceled)
28. (canceled)
29. (currently amended) The ~~recombinant~~ nucleic acid molecule of Claim 6 26 further comprising a ~~first polypeptide encoding polypeptide encoding~~ region operably linked to the ~~ovalbumin transcriptional regulatory~~ region.
30. (canceled)
31. (canceled)
32. (currently amended) The ~~recombinant~~ nucleic acid molecule of Claim 6 26 further comprising an Internal Ribosome Entry Site.
33. (currently amended) The ~~recombinant~~ nucleic acid molecule of Claim 32 29 further comprising a polypeptide encoding region operably linked to the Internal Ribosome Entry Site.
34. (canceled)
35. (currently amended) The nucleic acid of claim 6 vector of Claim 34 comprising a vector selected from the group consisting of a bacterial artificial chromosome, a yeast artificial chromosome, a plasmid vector and a viral vector.

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36. (currently amended) The recombinant nucleic acid molecule of Claim 6 further comprising a polyadenylation signal sequence.
37. (previously presented) The recombinant nucleic acid molecule of Claim 29 wherein the nucleic acid sequence encoding the polypeptide has a codon optimized for protein expression in an avian.
38. (currently amended) The vector ~~recombinant nucleic acid molecule~~ of Claim 23 further comprising an origin of replication selected from the group consisting of a bacterial origin of replication and a viral origin of replication.
39. (currently amended) The ~~recombinant nucleic acid molecule of Claim 26 which A nucleic acid molecule comprising a nucleotide sequence having at least about 95% identity to the nucleotide sequence of SEQ ID NO: 1 nucleic acid molecule of claim 6 wherein the nucleic acid molecule~~ comprises a bacterial artificial chromosome.
40. (canceled)
41. (canceled)
- 42-70 (canceled)
71. (previously presented) The nucleic acid molecule of Claim 6 comprising a heterologous coding sequence encoding a pharmaceutical protein.
72. (previously presented) The vector of Claim 23 comprising a heterologous coding sequence encoding a pharmaceutical protein.
73. (canceled)

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74. (previously presented) The vector of Claim 23 comprising a nucleotide sequence having at least about 99% identity to the nucleotide sequence of SEQ ID NO: 1.

75. (previously presented) The vector of Claim 23 comprising the nucleotide sequence of SEQ ID NO: 1.

76. (canceled)

77. (canceled)